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UK NEQAS for H&I Educational Scheme

HLA Typing Results of Samples ED03&04/2024

Distributed on 15th October 2024

Sample ED03/2024 probable HLA type

HLA-A*02:01, A*30:01; B*13:02, B*57:01; C*06:02, **C*06:246**; DRB1*07:01, DRB1*11:01; DRB3*02:02, DRB4*01:03N;
DQA1*02:01, DQA1*05:05; DQB1*03:01, DQB1*03:03; DPA1*01:03, DPA1*-; DPB1*04:01, DPB1*-

Sent as an example of C*06:246

Summary of results

25 out of 32 participants (78.1%) reported HLA-C*06:246 for this sample. There was 1 report (3.1%) of a string that included C*06:246, and 3 reports (9.4%) of C*06. 1 participant (3.1%) reported C*06:426, possibly a typographical error, 1 participant (3.1%) reported C*07:04, however this is possibly a sample mix up. 1 (3.1%) lab returned results but did not report C*.

| Reported type C* | Number of Participants (n=32) |
|--------------------------------|-------------------------------|
| 06:246 | 25 |
| 06:246 string | 1 |
| 06 | 3 |
| 06:426 | 1 |
| 07:04 (possible sample mix-up) | 1 |
| No C* type reported | 1 |

Sample ED04/2024 probable HLA type

HLA-A*02:01, A*31:01; **B*40:31**, B*44:02; C*03:04, C*07:04; DRB1*04:04, DRB1*09:01; DRB4*01:03, DRB4*-;
DQA1*03:01, DQA1*03:02; DQB1*03:02, DQB1*03:03; DPA1*01:03, DPA1*-; DPB1*02:01, DPB1*23:01

Sent as an example of B*40:31

Summary of results

28 out of 32 participants (87.5%) reported HLA-B*40:31 for this sample. There were 3 reports (9.4%) of B*40. 1 participant (3.1%) reported B*13:02, however this is possibly a sample mix up.

| Reported type B* | Number of Participants (n=32) |
|--------------------------------|-------------------------------|
| 40:31 | 28 |
| 40 | 3 |
| 13:02 (possible sample mix-up) | 1 |